

Metal square inductive sensor **LE05** series



Feature description:

- ◆ Non-contact detection, safe and reliable, no wear
- ◆ Adopt ASIC technology, with stable performance
- ◆ Compact shape, flexible installation, suitable for very small space
- ◆ IP67



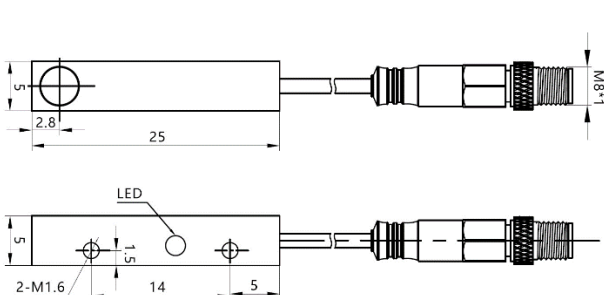
Part number

NPN NO	LE05VF08DNO-F1	NPN NC	LE05VF08DNC-F1
PNP NO	LE05VF08DPO-F1	PNP NC	LE05VF08DPC-F1

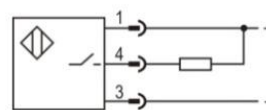
Specification

Installation	Flush	Protection circuit	Overload, short-circuit and reverse polarity protection
Rated distance S_n	0.8mm	Output indicator	Red LED
Assured distance S_a	0...0.64mm	Ambient temperature	-25°C...70°C
Shape size	25*5*5mm	Ambient humidity	35...95%RH
Output	NO/NC	Switch frequency	1800 Hz
Supply voltage	10...30 VDC	Impulse resistance	1000V/AC 50/60Hz 60s
Standard target	Fe 6*6*1t	Insulation resistance	≥50MΩ(75VDC)
Switch point offset [%/Sr]	≤±10%	Vibration resistance	Complex amplitude 1.5mm 10...50Hz (2h per X,Y,Z direction)
Hysteresis range [%/Sr]	1...20%	Protection degree	IP67
Repeated error	≤5%	Housing material	Aluminum alloy
Load current	≤100mA	Connection	M8 connector+0.2m PUR cable
Residual voltage	≤2.5V		
Current consumption	≤15mA		

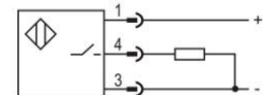
Dimensions



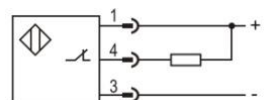
Wiring Diagram



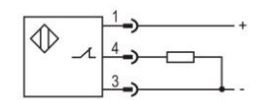
NPN NO



PNP NO



NPN NC



PNP NC